

Plate 6

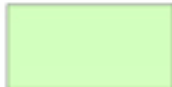








GROUND-WATER QUALITY CLASSIFICATION MAP FOR THE VALLEY-FILL AQUIFER, CASTLE VALLEY, GRAND COUNTY, UTAH



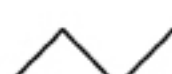






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Digital Compilation by Matt Butler

Explanation

Ground-Water Quality Classification

-  Class IA, Pristine Water Quality (TDS*: 0-500 mg/L)
-  Class II, Drinking Water Quality (>500 to <3000 mg/L)
-  Valley fill (not classified)
-  Bedrock (not classified)
-  Area not analyzed
-  Perfected ground-water well**
-  Sampled ground-water well
-  Surface-water sample
-  Number corresponds to site ID number (see appendix A)
- * Total dissolved solids
- ** All wells are listed in Utah Division of Water Rights database

-  Ground-water quality class boundary
-  Valley-fill deposits boundary
-  Study-area boundary
-  Municipal boundary
-  Road
-  Water course
-  Ground-water flow direction (from Snyder, 1996)
-  Town
-  Community

